Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 21 Mar 2023 until 23:59 on Wednesday 22 Mar 2023

Forecast Issued on Monday 20 Mar 2023 at 16:07

Confidence: High becoming Medium in details from Thursday.

Headline for Tuesday 21 Mar 2023: Rain dying out with drier spells in the afternoon. Strong summits winds.

Mountain weather hazards on Tuesday 21 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Drizzle	Light rain	Cloudy	Cloudy	Cloudy	Light rain
Precipitation probability							
50%	60%	60%	60%	40%	30%	20%	60%

Forecast for Tuesday 21 Mar 2023

Weather: Outbreaks of rain and drizzle overnight and early morning, occasionally heavy. Brighter skies with the odd showers around by midday, the showers becoming well scattered in the afternoon with sunny spells possible. Lowering cloud with heavy rain later in the evening.

Chance of cloud-free hill tops above 600m: 30% rising 90% in the afternoon.

Low cloud and visibility: Extensive cloud, base 300 to 600m, at first, lifting and breaking above the tops around midday. Visibility starting moderate to very poor at height, but soon mainly good or very good, until late evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 21 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/31 S	25/34 S	25/33 SW	29/37 SW	28/38 SW	27/36 SW	23/31 SW	28/37 SW	34/46 S
300	17/23 S	18/25 S	17/24 S	22/31 SW	22/31 SW	22/32 SW	16/25 SW	20/30 S	26/39 S
Valley	9/22 S	11/24 S	11/24 S	14/29 SW	15/31 SW	16/31 SW	11/25 SW	13/29 S	17/37 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	6/1	6/1	6/0	7/1	7/2	6/1	6/-0	6/-1
300	9/6	8/4	8/4	9/4	10/6	10/6	9/6	8/4	8/3
Valley	9/7	9/6	8/6	9/6	10/7	10/7	9/7	8/6	8/5
Freezing Level*	1900m	1900m	1600m	1400m	1500m	1400m	1400m	1700m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 20 Mar 2023	6.6mm	15mm	16.4mm

Forecast for Wednesday 22 Mar 2023

Weather: Heavy overnight rain then bright during daylight hours with occasional sunny spells and a scattering of showers. Heavy, perhaps thundery, showers later in the evening. Windy and chilly at height, early summit gales.

Maximum wind: Southwest 35mph gusting 50mph.

Chance of cloud-free hill tops above 600m: 30 % overnight, becoming 90% during daylight hours.

Low cloud and visibility: Extensive cloud, base 300 to 600m overnight, lifting and breaking above the tops during daylight hours. Visibility moderate to very poor overnight, but mostly good or very good during daylight hours.

Temperature: **Valleys:** Plus 6 rising to 12 Celsius in the afternoon.
At 600m: Plus 3 to 6 Celsius
Freezing level: Above the summits.

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